

STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

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EXAMINER ART UNIT PAPER NUMBER PATENT & TRADEMARK OFFICE

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LICENSING & REVIEW

IF NO RESPONSE TO THIS NOTICE IS RECEIVED WITHIN FORTY-FIVE DAYS, A FORMAL REQUIREMENT WILL BE ISSUED

The subject matter of this application appears to:

be "useful in the production or utilization of special nuclear material or atomic energy" as recited in 42 U.S.C. 2182 (Department of Energy (DOE)).

mave significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. 2457 (National Aeronautics and Space Administration (NASA)).

Accordingly, no patent can issue on this application unless applicant(s) file a statement (under oath or in the form of a declaration as provided by 37 CFR 1.68) setting forth (1) the full facts concerning the circumstances under which the invention was made and conceived and (2) the relationship (if any) of the invention to the performance of any work under any contract or other arrangement with the Agency (ies) noted above. On the reverse side of this form is an example of an acceptable format for this statement. The language appearing in paragraphs III and/or IV of the example must appear if applicant is attempting to establish that no relationship (under item 2 above) exists.

If the invention disclosed in this application was developed under a contract, grant or cooperative agreement between the Agency indicated above and a person, small business or non-profit organization and rights to the invention have been determined by specific reference to 35 U.S.C. 202 in the contract, grant or cooperative agreement, then applicant need not submit the statement described above. Instead, applicant may file a verified statement (under oath or in the form of a declaration, 37 CFR 1.68) setting forth the information required by 35 U.S.C. 202(c)(6).

IF NO STATEMENT HAS BEEN RECEIVED WITHIN FORTY-FIVE DAYS OF THE MAIL DATE INDICATED ABOVE. a formal requirement for statement will then be issued. No provision is made for extension of the statutory thirty-day period for response to the formal requirement and the penalty for failure to file an acceptable and timely statement is abandonment of the application. Therefore, applicants are strongly encouraged to submit a statement at this time in order to avoid the issuance of a formal requirement.

IT IS IMPORTANT TO NOTE that the statement must accurately represent the property rights situation of the claimed invention if and when the application is found allowable. Thus, if during prosecution before the examiner, the claimed invention is so altered or the property rights situation so changed as to impact the accuracy of a statement submitted earlier, a supplemental statement must be filed. Failure to submit such additional information where appropriate may be considered a false representation of material facts and render the patent owner vulnerable to loss of patent rights and other sanctions as set forth in the statutes. The PTO will not review allowed applications for this possibility. The responsibility for complying with the statutes rests with the applicants.

Any questions regarding this requirement should be directed to Licensing and Review at 770

PLEASE DIRECT ALL COMMUNICATIONS RELATING TO THIS MATTER TO THE ATTENTION OF LICENSING AND REVIEW

FORM PTOL-456

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

The following is an example of an acceptable property rights statement. Statements of this type are, of course, only suitable for situations in which NO Agency funds or other considerations were involved in the making or conception of the invention. While this example is in the form of a declaration, a sworn document is equally acceptable. I (We) citizens of _____ residing at _____ declare: That I (we) made and conceived the invention described and claimed in patent application: Serial Number _____filed in the United States of America on _____ (Check III and/or IV below as appropriate) (Check and complete either I or II below) □ I. (For Inventors Employed by an Organization) That That to the best of my (our) knowledge and belief: I (we) made and conceived this invention while employed ☐ III.The invention was not made or conceived in the course of, or in connection with, or under the terms of any the invention is related to the work I am (we are) employed contract, subcontract or arrangement entered into with or to perform and was made within the scope of my (our) for the benefit of the United States Atomic Energy employment duties; That the invention was made during Commission or its successors: Energy Research and working hours and with the use of facilities, equipment, Development Administration or the Department of Enmaterials, funds, information and services of _____. Other relevant ergy. (name of employer) facts are -AND/OR-☐ IV.The invention was not made (conceived or first ac-That to the best of my (our) knowledge and belief (and/or) tually reduced to practice) under nor is there any relationbased upon information provided by_____ ship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration. -OR-□ II. (For Self-Employed Inventors) That I (we) made and conceived this invention on my (our) own time using only my (our) own facilities, equipment, materials, funds, information and services. Other relevant facts are ____ The undersigned inventor(s) declare further that all statements made herein of his or her (their) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statments and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Inventor's Signature: _____ Post Office Address: Inventor's Signature: _ Post Office Address: